P&Z品展

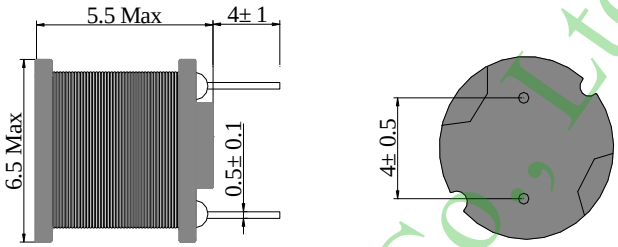
High Current Power Inductor for DIP Type

Inductance Range：22μH~1000μH
Temperature Range：－40℃～＋125℃

PDL0605D Series

DIMENSIONS(mm)

Dimensions (mm)



RoHS Compliant(SGS Certified Result)

Pb	Cd	Cr＋6	PBBs	PBDEs
＜1000ppm	ND	ND	ND	ND

FEATURES：

★Magnetically shielded type inductor, possible to decrease reflection noise.
★High current & low DCR,DR 6.5mm, Height 5.5mm Type.
★Accomplished low total harmonics distortion as compared with our current type.
★Suitable as choke for digital amp. Car audio, LCD and PDP TV, 5.1ch Home theater, etc.
★Design to customer requirement

Electrical Characteristics：

Part Number	Inductance (μH)	TestFrequency	Tolerance（%）	D.C.R(Ω) Max.	Rated Current(A)
PDL0605D - 220M	22	1KHz/0.25V	± 20%	0.180	0.9
PDL0605D - 270M	27	1KHz/0.25V	± 20%	0.210	0.81
PDL0605D - 330M	33	1KHz/0.25V	± 20%	0.270	0.74
PDL0605D - 390M	39	1KHz/0.25V	± 20%	0.290	0.68
PDL0605D - 470M	47	1KHz/0.25V	± 20%	0.340	0.62
PDL0605D - 560M	56	1KHz/0.25V	± 20%	0.420	0.57
PDL0605D - 680M	68	1KHz/0.25V	± 20%	0.480	0.51
PDL0605D - 820M	82	1KHz/0.25V	± 20%	0.550	0.47
PDL0605D - 101M	100	1KHz/0.25V	± 20%	0.680	0.42
PDL0605D - 121M	120	1KHz/0.25V	± 20%	0.770	0.39
PDL0605D - 151M	150	1KHz/0.25V	± 20%	0.950	0.35
PDL0605D - 181M	180	1KHz/0.25V	± 20%	1.150	0.32
PDL0605D - 221M	220	1KHz/0.25V	± 20%	1.300	0.29
PDL0605D - 271M	270	1KHz/0.25V	± 20%	1.550	0.26
PDL0605D - 331M	330	1KHz/0.25V	± 20%	2.180	0.23
PDL0605D - 391M	390	1KHz/0.25V	± 20%	2.470	0.21
PDL0605D - 471M	470	1KHz/0.25V	± 20%	2.920	0.2
PDL0605D - 561M	560	1KHz/0.25V	± 20%	3.970	0.18
PDL0605D - 681M	680	1KHz/0.25V	± 20%	4.570	0.16
PDL0605D - 821M	820	1KHz/0.25V	± 20%	5.280	0.15
PDL0605D - 102M	1000	1KHz/0.25V	± 20%	7.060	0.13

REMARK：

1、Inductance is measured with a LCR meter:HP4284A & 3532-50 or equivalent.

2、D.C .R is measured with a Digital Multimeter 502BC or equivalent.

3、Rated Current：The rated current is the current at which the inductance decreases by 25% from the initial value or the temperature rise is △T ＝40℃ ,whichever is smaller(Ta＝20℃).

P&Z Electronic (Dongguan) Co., Ltd Web site:http://www.dgpinzhan.com E-mail:sale@dgpinzhan.com Skype:justin029